

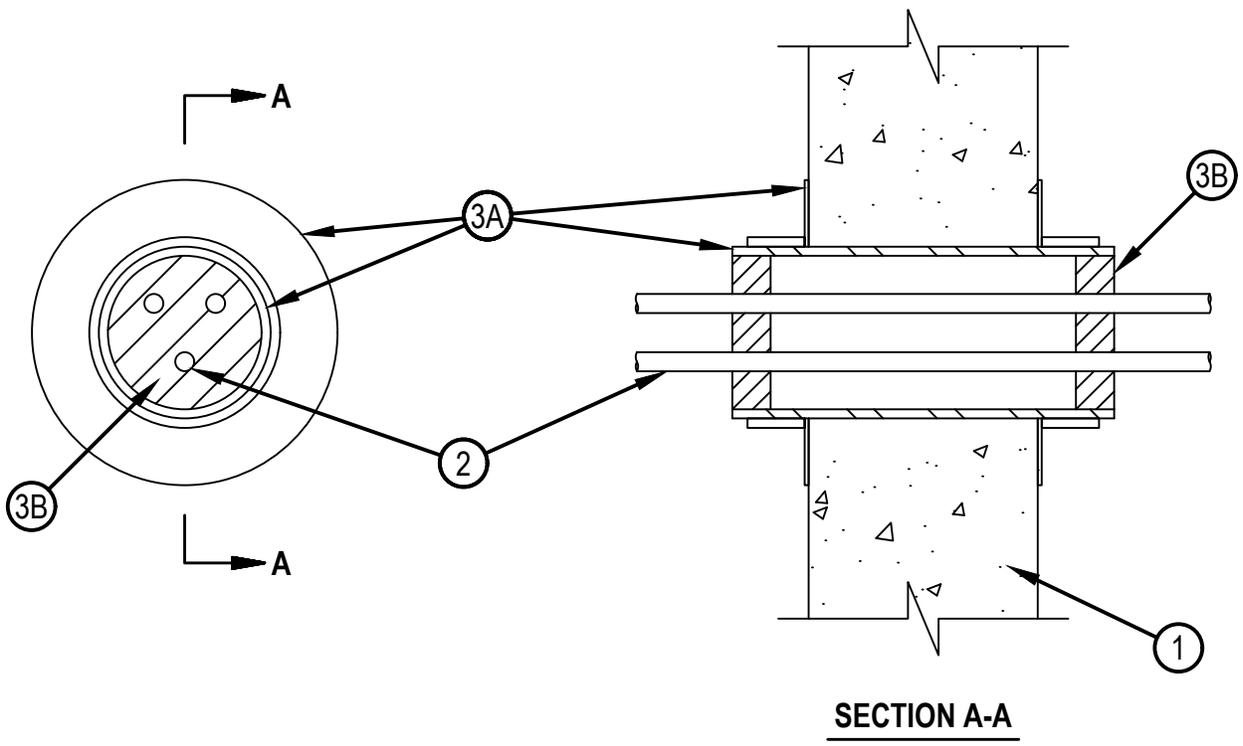


Classified by Underwriters Laboratories, Inc. to UL 1479 and CAN/ULC-S115

System No. W-J-3111

W-J-3111

ANSI/UL1479 (ASTM E814)	CAN/ULC S115
F Rating — 2 Hr	F Rating — 2 Hr
T Rating — 0 Hr	FT Rating — 0 Hr
	FH Rating — 2 Hr
	FTH Ratings — 0 Hr



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1. Wall Assembly — Min 6 in. (152 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*.
See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. Cables — Aggregate cross-sectional area of cables in Threaded Sleeve to be min 8 percent to max 48 percent of the aggregate cross-sectional area of the Threaded Sleeve. Cables to be rigidly supported on both sides of wall assembly. Any combination of the following types and sizes of cables may be used:
 - A. Max 200 pair No. 24 AWG (or smaller) copper conductor cable with polyvinyl chloride (PVC) jacketing and insulation.
 - B. Max 1/C, 750 kcmil power cable with copper conductors and cross-linked polyethylene (XLPE) jacketing.
 - C. Max 3/C No. 2/0 AWG (or smaller) aluminum or copper conductor service entrance cable with PVC insulation and jacket.
 - D. Max 3/C No. 8 AWG (or smaller) nonmetallic sheathed (Romex) cable with copper conductors, PVC insulation and jacket.
 - E. Max 7/C No. 2/0 AWG (or smaller) multiconductor power and control cables with XLPE or PVC insulation and XLPE or PVC jacket.
 - F. Max RG59/U (or smaller) coaxial cable with fluorinated ethylene insulation and jacketing.
 - G. Max 62.5/48 fiber optic cable with PVC insulation and jacketing.
 - H. Max 4 pair No. 24 AWG (or smaller) copper conductor category 5 with Hylar insulation and jacket.
3. Firestop System — The firestop system shall consist of the following:
 - A. Firestop Device* — Threaded steel sleeve device incorporating flat washers secured by threaded couplers. Device shall be installed around cables in accordance with the accompanying installation instructions. Device provided in nom 1, 2 and 4 in. (25, 51 and 102 mm) sizes. Max diam of opening in wall for 1, 2 and 4 in. (25, 51 and 102 mm) size devices are 1-1/4, 2-7/16 and 4-1/2 in. (32, 62 and 114 mm) respectively.
UNIQUE FIRE STOP PRODUCTS INC — Threaded Firestop
 - B. Fill, Void or Cavity Material* - Sealant or Putty — Min 1 in. (25 mm) thickness of fill material applied within the Threaded Sleeve, flush with both ends.
HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — CP 618 Firestop Putty Stick
RECTORSEAL — Metacaulk Fire Rated Putty
SPECIFIED TECHNOLOGIES INC — SpecSeal Putty

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



Hilti Firestop Systems

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